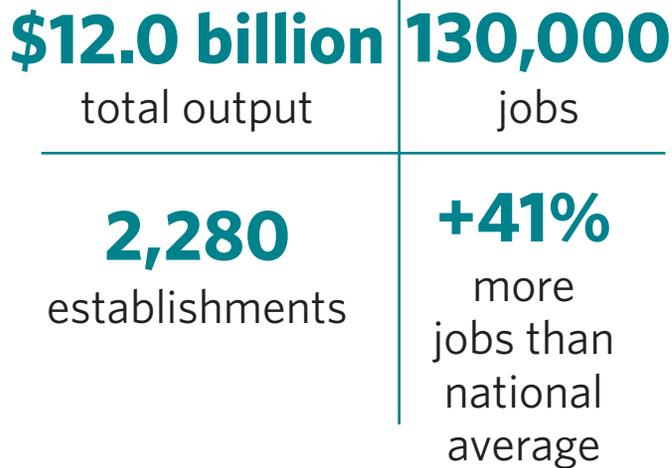


Education and Research

This cluster contains educational and training institutions, related supporting establishments, and research and development institutions in physical and life sciences, engineering, and social sciences. The technical report, *Metropolitan Chicago's traded industry clusters*, offers extensive data on the characteristics and performance of the region's core industrial assets since 2001, available for download at <https://cmap.is/Traded-Clusters>.

In the Chicago region in 2017, this cluster consisted of



Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).

Largest occupations

- Postsecondary Teachers
- Administrative Assistants
- Education Administrators
- Business Operations Specialists
- Operations Managers

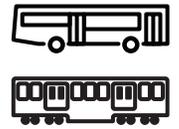
Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).

Workers in this cluster tend to be **less** racially diverse than the regional labor force.

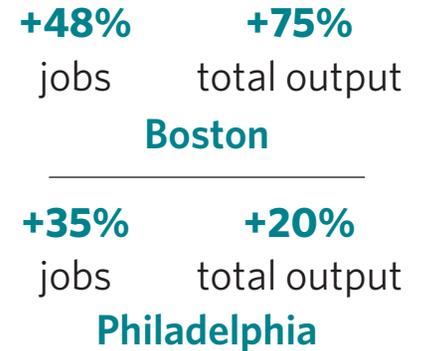
- 36%** non-white
- 55%** female
- 32%** over age 50

Source: CMAP analysis of Integrated Public Use Microdata Series, 2017 American Community Survey data.

19% commute by transit



In recent years, the cluster's competitive position **weakened** as it became **less specialized** in the national context.

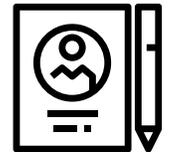


Source: CMAP analysis of Economic Modeling Specialists International data (Emsi 2018.4).
Note: Job change is from 2001-17, and total output change is from 2007-17.

Middle-skill workers have **less** opportunity than the regional average.



80% of workers have an associate's degree or higher



9% of jobs typically require at least 2 months of on-the-job training

Source: CMAP analysis of Integrated Public Use Microdata Series, 2017 American Community Survey and Economic Modeling Specialists International data (Emsi 2018.4).